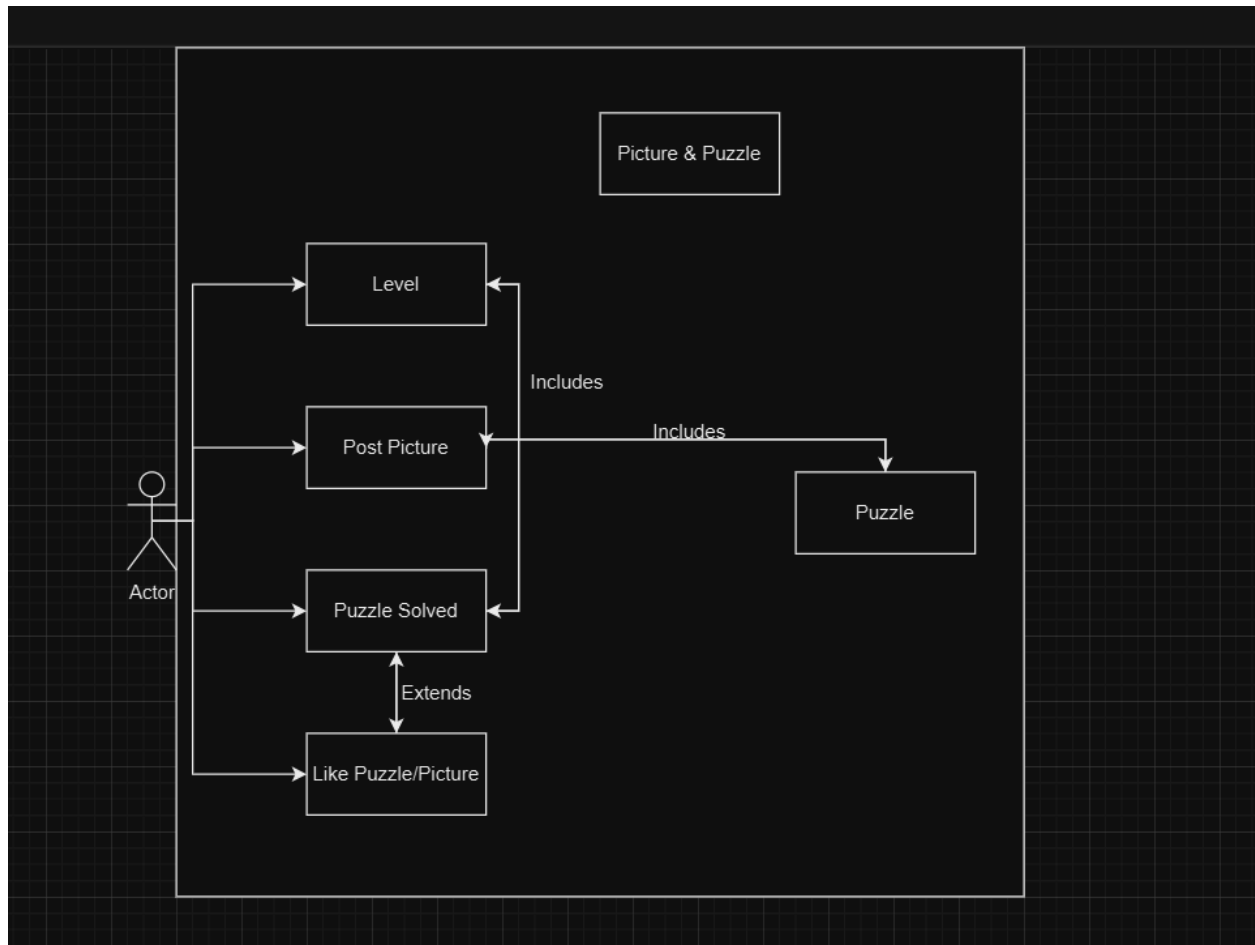


CSE 111
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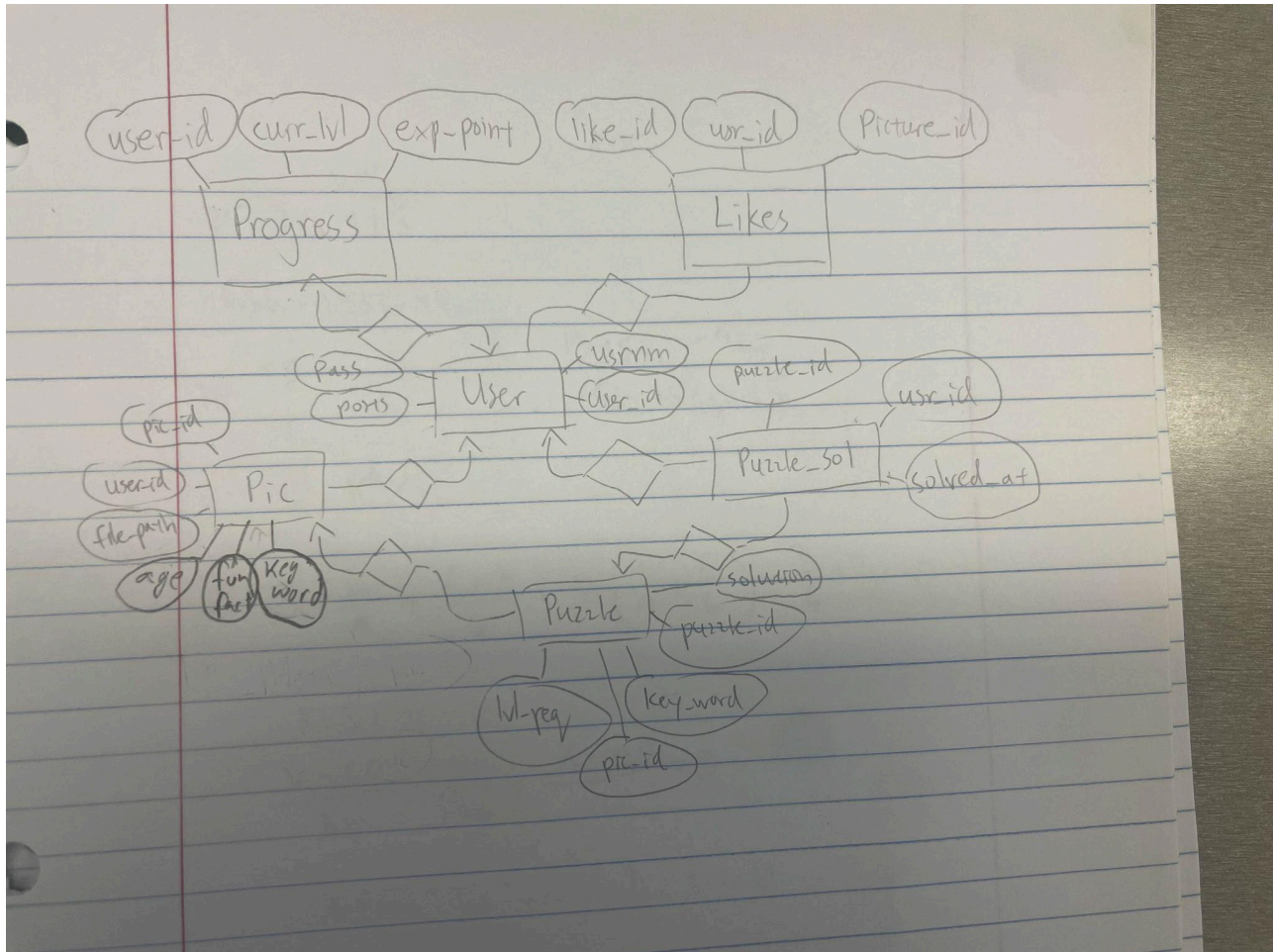
Synopsis

This project involves users posting and solving puzzles via pictures. A user can post a picture of themselves in their native country or other geographical features and attach a fun fact and puzzle in the form of a keyword. Users can solve other users' puzzles and if they do they gain experience and eventually level up. Some pictures will be locked behind a level cap meaning players will need to level up in order to access more puzzles.

UML Diagram



ER Diagram



Schema

User

User_id, userName, pass_hash, posts, posts_solved

Post

Pic_id, user_id, file_path, upload_date, fun fact, age, key_word

Puzzle

Puzzle_id, key_word, lvl_req, pic_id

Solved

Sol_id, puzzle_id, user_id, solved_at

Likes

Like_id, user_id, pic_id

Progress

User_id, curr_lvl, exp_points

Relationships

Likes (like_id, user_id)

Solved (puzzle_id, user_id)

Solution (puzzle_id, solved_at)

PuzzleOf (puzzle_id, pic_id)

BelongsTo (pic_id, user_id)

ProgressOf (user_id, curr_lvl)

Github:

<https://github.com/Ezequiel040/111Project>